



Guidance on Purchasing EPEAT® Registered Products

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Introduction to EPEAT®



What is EPEAT®?

- The Electronic Product Environmental Assessment Tool (EPEAT)
- Helps *purchasers* evaluate, compare and select electronic products based on their environmental attributes
- Enables *manufacturers* to obtain market recognition through achievement of specific performance criteria in electronic product design and sales
- Managed by the *Green Electronics Council*



What is EPEAT® Continued...

- A set of environmental performance standards for electronic products
- A registry of products that meet the standards
- A verification system to ensure that products have achieved specified performance criteria



What Products Does EPEAT® Cover?

- **Computers:**
 - Desktops, Notebooks (including two in one notebooks), Monitors/Displays (including Signage Displays), Integrated Desktop Computers, Workstation Desktops, Thin Clients, and Slates/Tablets
- **Imaging equipment:**
 - (Printers, Copiers, Multi-Function Devices, Scanners, Fax Machines, Digital Duplicators, Mailing Machines)
- **Televisions**
- **Mobile Phones**
- **Servers**

Up Next:

- **Network Equipment**





What Products Does EPEAT® Not Cover Yet? (as of September 2018)

- Peripherals, except those sold with covered products
- Digital whiteboards
- Handheld scanners and printers (e.g., for bar codes)
- Digital picture frames
- Network Equipment (switches, routers, etc.)



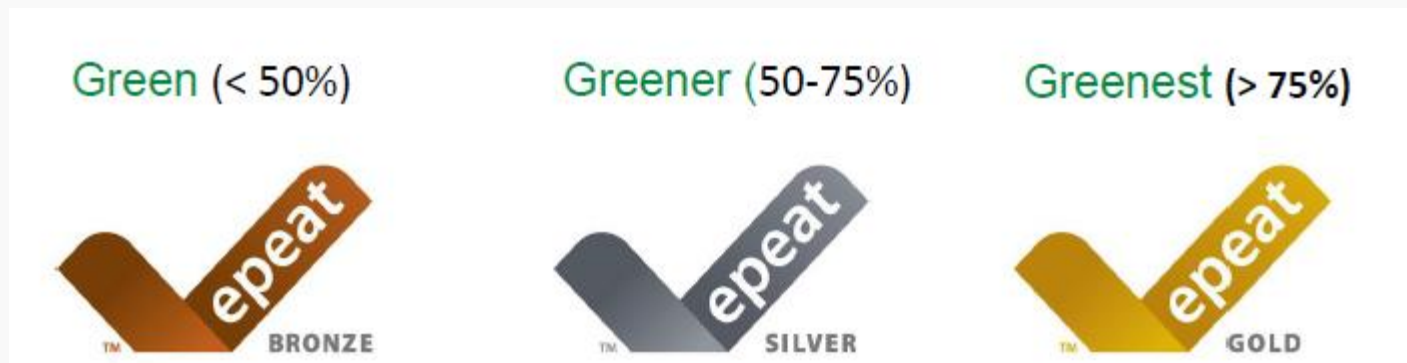
How are the Standards EPEAT® Uses Created?

- Developed through ANSI accredited Standards Development Organizations (NSF, UL, IEEE)
- Through an open, consensus based process
- Participation by manufacturers, suppliers, recyclers, academics, government representatives, purchasers, and environmental advocacy organizations



How are products rated in EPEAT®?

- Products must meet all **required** criteria to qualify for EPEAT.
- Products are rated Bronze, Silver or Gold based on how many **optional** criteria they meet





Why Buy EPEAT® Registered Products?



Why Buy EPEAT® Registered Products?

- Save the government money
- Reduce environmental and public health impacts of IT manufacture, use, and disposal
- Use the power of the federal pocketbook to drive change in the global marketplace
- It's required



2016 Environmental Results and Cost Savings

of products purchased Worldwide: ~ 130.8 million

of products purchased by Federal Government: ~ 5.4 million

	Worldwide	US Fed Government
Energy (kWh)	42,281,749,000	1,447,100,000
Primary Materials (kg)	15,390,134,000	428,880,000
GHG Emissions (kg of CE)	7,753,869,100	246,920,000
Air Emissions (kg)	30,351,613,000	861,400,000
Water Emissions (kg)	57,449,968	2,362,100
Municipal Solid Waste (kg)	173,652,180	9,196,000
Hazardous Waste (kg)	105,342,140	3,912,100
Cost (\$)	\$4,358,586,300	\$149,770,000

Global Environmental Results



Over their lifetime, the 1.12 billion EPEAT-registered electronics purchased globally since 2006 deliver significant environmental benefits

GHG Emissions

38.8 million
Metric Tons

Taking 27,862,259
average US passenger
cars off the road
for a year



Hazardous
Waste



670 million
Kilograms

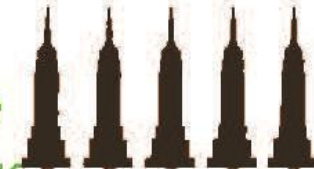
The weight of
66
Eiffel Towers



Primary
Materials

187 million
Metric Tons

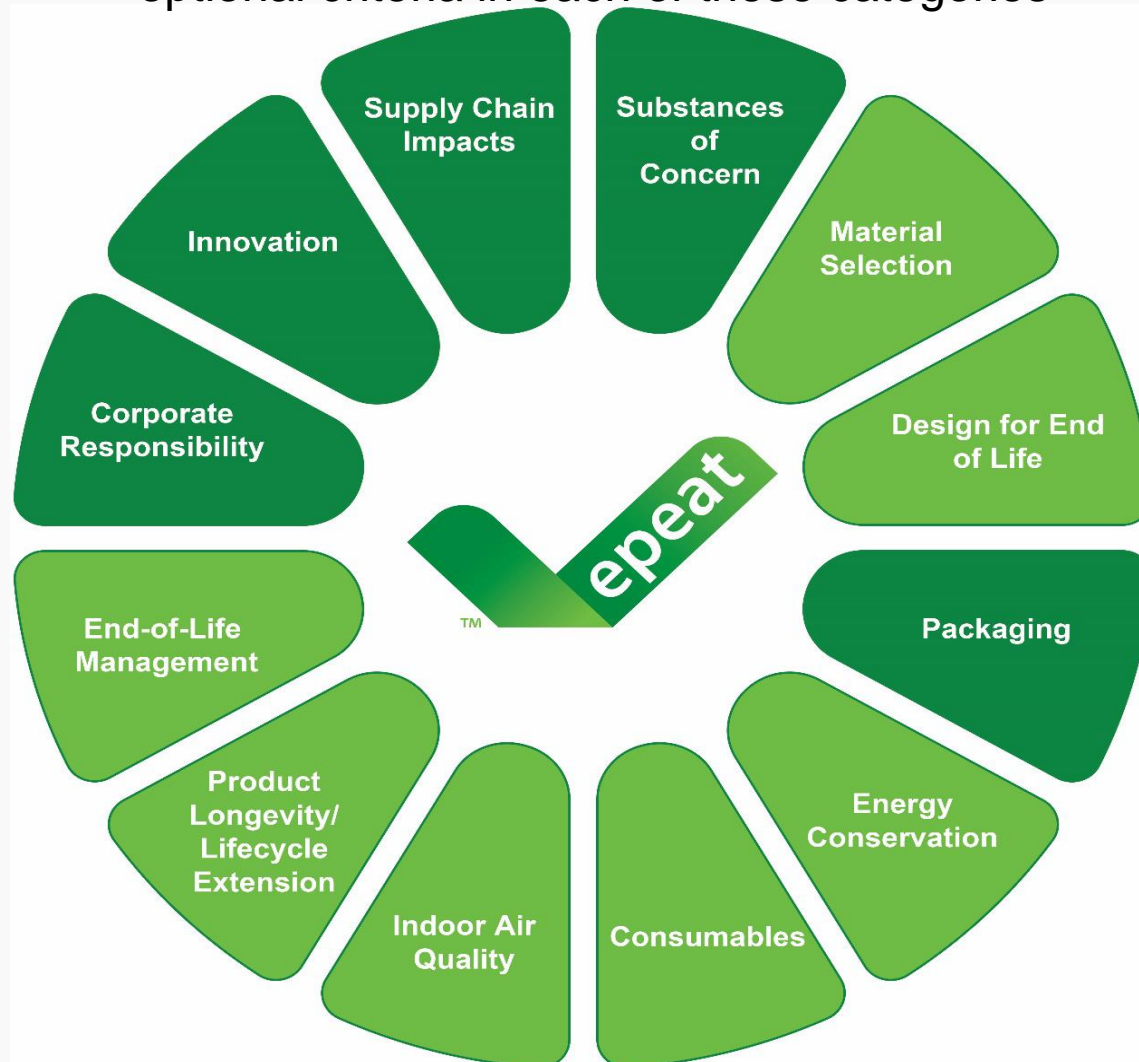
The weight
of 566 Empire
State Buildings



What is More Sustainable About EPEAT® Registered Products?



Products must meet several required criteria and can also meet more stringent optional criteria in each of these categories





Feds are Required to Buy EPEAT® Registered Products

- Per the Federal Acquisition Regulation (FAR) Part 23
 - Requires acquisition of EPEAT® registered electronics (23.103A and 23.704)
 - Contracting clause requires acquisition of Bronze registered products, alternate clause for Silver or higher



Finding and Procuring EPEAT® Registered Products





What Is Considered An EPEAT® Registered Product?

- Products must be **active** EPEAT registered products at:
 - the time of bid submission
 - the time of award
 - the time of purchase
- Archived EPEAT registered products are not considered EPEAT registered products



EPEAT® Registered Products



- For the purposes of compliance and reporting :
 - Products count as EPEAT-registered if they had an active registration at the time of acquisition

PRODUCT:	Lenovo ThinkCentre M90 Small
PRE:	EPEAT, Inc.
COUNTRY:	United States
PRODUCT TYPE:	Desktops
MANUFACTURER:	Lenovo
URL:	http://www.lenovo.com
RATING:	
REGISTRATION DATE:	1/27/2010
PRODUCT STATUS:	 Active

Screenshot from epeat.net

PRODUCT:	HP Compaq dc5800 Microtower PC
PRE:	EPEAT, Inc.
COUNTRY:	United States
PRODUCT TYPE:	Desktops
MANUFACTURER:	Hewlett-Packard
URL:	http://hp.com
RATING:	
REGISTRATION DATE:	3/26/2008
PRODUCT STATUS:	 Archived on 3/9/2011

Screenshot from epeat.net



What Dollar Threshold of IT Purchases Does the EPEAT® Requirement Apply to?

- **ALL PURCHASES** -- There is no statutory, executive order, or FAR threshold for purchases of sustainable products.
- FAR 13.201 (f) “The procurement requirements in subparts 23.1, 23.2, 23.4, and 23.7 apply to purchases at or below the micro-purchase threshold”.

Product Availability as of September 2018



Product	Number Registered in the US	Number of Manufacturers with Registered Products	Percent of Global Market Share Represented
Computers and Displays	1,634	46	90 – 95%
Imaging Equipment	1,870	16	90 – 95%
Televisions	124	LG, Samsung	31%
Mobile Phones	27	Apple, Google, LG, Samsung	34%
Servers	32	HP Enterprises, Dell EMC	44%

If you don't see a product on the Registry that you want to procure, let your vendors know!



Finding & Procuring EPEAT® Registered Products

- Find products on the EPEAT Registry: <https://ww2.epeat.net/searchoptions.aspx>
- Procure registered products via:
 - Major IT Vehicles identified on [Acquisition Gateway](#), including
 - NASA SEWP V IT GWAC
 - NIH NITAAC BPA or CIO CS IT GWAC
 - Army CHES Contract
 - GSA Schedule 70
 - IT Commodities -- [GSA Advantage Select](#)
 - GSA Multiple Award Schedules (36, 58 I, 70, and 75)
 - GSA Federal Strategic Sourcing Initiative (FSSI) Office Supplies, third generation (OS3) IDIQs
 - Purchasing platforms: GSA Advantage, DOD Email
 - Agency Specific contracts
 - Ask your Agency IT department if your Agency IT hardware contract offers EPEAT registered products

Specify you want EPEAT registered products in all Task Orders!



Searching the EPEAT® Registry

Go to www.epeat.net

A screenshot of the EPEAT website homepage. The header includes the text "A program of the Green Electronics Council" and navigation links for "EPEAT Purchaser Awards", "Contact", "Case Studies", and "News". Below the header, there are links for "ABOUT EPEAT", "PARTICIPANTS", "RESOURCES", and a green button labeled "MANUFACTURER LOGIN". A red circle highlights the "SEARCH FOR PRODUCTS" link, with a red arrow pointing to it from the text "Go to www.epeat.net". The main content area features a large image of hands typing on a laptop keyboard, with the text "How Does EPEAT Work?" and a green button labeled "Find Out More".

U.S. Environmental Protection Agency

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EPEAT® Registry Search






Use the “Quick Search” function to search by product category and country

Quick Search

Imaging Equipment ▼

United States ▼

				Total
Copier	0	8	0	8
Digital Duplicator	0	9	0	9
Facsimile Machine (Fax Machine)	2	3	0	5
Mailing Machine	0	0	0	0
Multifunction Device (MFD)	148	511	474	1133
Printer	112	295	92	499
Scanner	26	83	3	112
Totals	288	909	569	1766

EPEAT® Registry Search



Or search products by manufacturer

Search by Manufacturer

Imaging Equipment ▼

United States ▼

Company Name	Copier	Digital Duplicator	Facsimile Machine (Fax Machine)	Mailing Machine	Multifunction Device (MFD)	Printer	Scanner	Total
Brother International Corporation	0	0	0	0	34	32	4	70
Canon	5	0	5	0	115	47	14	186
Dell, Inc.	0	0	0	0	18	9	0	27
Epson	0	0	0	0	4	2	18	24
Fujitsu Limited	0	0	0	0	0	0	22	22
HP Inc.	0	0	0	0	360	185	13	558
Kodak Alaris	0	0	0	0	0	0	33	33
Konica Minolta	0	0	0	0	75	7	0	82
Kyocera	0	0	0	0	47	19	0	66

This list is just a sample and does not include all Imaging Equipment manufacturers

EPEAT® Registry Search



Click on any number and refine your search by selecting “More Detail”

Search interface showing a table of EPEAT-registered products and a sidebar for refining the search.

Search:

Show entries

More Detail

Compare	Product	Country	Product Category	Rating	Reg. Date
<input type="checkbox"/>	Brother MFC-L2750DWXL	United States	Multifunction Device (MFD)	Silver	2017-12-25
<input type="checkbox"/>	Brother MFC-L2750DW	United States	Multifunction Device (MFD)	Silver	2017-12-25
<input type="checkbox"/>	Brother HL-L2395DW	United States	Multifunction Device (MFD)	Silver	2017-12-25
<input type="checkbox"/>	Brother MFC-L2710DW	United States	Multifunction Device (MFD)	Silver	2017-12-25
<input type="checkbox"/>	Brother DCP-L2550DW	United States	Multifunction Device (MFD)	Silver	2017-12-25
<input type="checkbox"/>	Brother HL-L2390DW	United States	Multifunction Device (MFD)	Silver	2017-12-25
<input type="checkbox"/>	Brother MFC-L8610CDW	United States	Multifunction Device (MFD)	Bronze	2017-12-22
<input type="checkbox"/>	Brother MFC-L8900CDW	United States	Multifunction Device (MFD)	Bronze	2017-12-22
<input type="checkbox"/>	Brother MFC-L9570CDW	United States	Multifunction Device (MFD)	Bronze	2017-12-22
<input type="checkbox"/>	Brother MFC-9340CDW	United States	Multifunction Device (MFD)	Bronze	2017-06-13
<input type="checkbox"/>	Brother MFC-9330CDW	United States	Multifunction Device (MFD)	Bronze	2017-06-13
<input type="checkbox"/>	Brother MFC-9130CW	United States	Multifunction Device (MFD)	Bronze	2017-06-13
<input type="checkbox"/>	Brother DCP-L2520DW	United States	Multifunction Device (MFD)	Bronze	2016-12-08
<input type="checkbox"/>	Brother DCP-L2540DW	United States	Multifunction Device (MFD)	Bronze	2016-12-08
<input type="checkbox"/>	Brother MFC-L2680W	United States	Multifunction Device (MFD)	Bronze	2016-12-08

Refinement options:

- ☒ Product
- ☒ Country
- ☒ Product Category
- ☒ Rating
- ☒ Reg. Date
- ☒ Part No.
- ☐ Energy Star Ver.
- ☐ Monitor Type
- ☐ Monitor Size
- ☐ Active/Archived
- ☐ Exceptions
- ☒ Opt. Pts
- ☐ UPC
- ☐ EAN
- ☐ CAB

EPEAT® Registry Search



Export the product and criteria info
or Compare Products side by side

34 Search Results Found |  **Search Again**

You Searched For:

Country:	United States
Product Status:	Active
Product Type(s):	Multifunction Device (MFD)
Rating:	All
Manufacturer:	Brother International Corporation

[Compare Products »](#)

Options:

[Export Product Info »](#)

[Export Product and Criteria Info »](#)



Integrating EPEAT® Requirements Into Contracts



Using Existing Contracts

- **If your contract includes language on purchasing EPEAT registered products (from current product registries, or when they become available)**
 - You should be able to buy EPEAT registered!
 - May need to specify EPEAT registered in task or delivery orders
- **If your contract does not include language on purchasing EPEAT registered products**
 - You may still be able to buy EPEAT registered
 - Check if you can specify EPEAT registered products in task or delivery orders
 - Check if you can add EPEAT registration requirements in upcoming technology refreshes or contract modifications



Contract Clauses in the FAR

- FAR Part 23 requires acquisition of **ALL** EPEAT® registered electronic products (23.103A and 23.704)
- The FAR currently includes contract clauses for EPEAT registered Computers, Imaging Equipment, and Televisions
- There is currently no specific clause for Mobile Phones or Servers, but similar language can be used
- These clauses can be integrated in existing contracts via technology refreshes and added to all new contracts



FAR Contract Clause for Procuring EPEAT Registered Computer Desktops, Laptops, and Monitors

52.223-16 Acquisition of EPEAT Registered Personal Computer Products

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for contractor use at a Federally controlled facility, only personal computer products that at the time of submission of proposals and at the time of award, were EPEAT Bronze registered or higher.

(c) For information about EPEAT, see www.epa.gov/epeat.

Alternate I (Jun 2014). As prescribed in [23.705](#)(d)(2), substitute the following paragraph (b) for paragraph (b) of the basic clause:

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for contractor use at a Federally controlled facility, only personal computer products that, at the time of submission of proposals and at the time of award, were **EPEAT Silver registered or gold-registered**.



FAR Contract Clause for Procuring EPEAT Registered Imaging Equipment

52.223–13 Acquisition of EPEAT®- Registered Imaging Equipment.

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only imaging equipment that, at the time of submission of proposals and at the time of award, was EPEAT® bronze registered or higher.

(c) For information about EPEAT®, see www.epa.gov/epeat.

Alternate I (Jun 2014). As prescribed in 23.705(b)(2), substitute the following paragraph (b) for paragraph (b) of the basic clause:

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for contractor use at a Federally controlled facility, only imaging equipment that, at the time of submission of proposals and at the time of award, was EPEAT **silver-registered or gold-registered**.



FAR Contract Clause for Procuring EPEAT Registered Televisions

52.223–14 Acquisition of EPEAT®- Registered Televisions

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only televisions that, at the time of submission of proposals and at the time of award, were EPEAT® bronze registered or higher.

(c) For information about EPEAT®, see www.epa.gov/epeat.

Alternate I (Jun 2014). As prescribed in 23.705(c)(2), substitute the following paragraph (b) for paragraph (b) of the basic clause:

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only televisions that, at the time of submission of proposals and at the time of award, were EPEAT® **silver-registered or gold-registered**.



Sample Contract Language for EPEAT Registered Mobile Phones

- The FAR currently does not include a specific contract clause for Mobile Phones, however the FAR requires the procurement of **ALL** EPEAT registered electronics, including mobile phones.

Acquisition of EPEAT®- Registered Mobile Phones

Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only Mobile Phones that, at the time of submission of proposals and at the time of award, were EPEAT® bronze registered or higher. For information about EPEAT®, see www.epa.gov/epeat.

Alternate I: Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only mobile phones that, at the time of submission of proposals and at the time of award, were EPEAT® **silver-registered or gold-registered**.

- See the [Mobile Services Category Management Team's Mobile Devices Procurement Guidance Document](#)



Sample Contract Language for EPEAT Registered Servers

- The FAR currently does not include a specific contract clause for Servers, however the FAR requires the procurement of **ALL** EPEAT registered electronics, including servers.

Acquisition of EPEAT®- Registered Servers

Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only servers that, at the time of submission of proposals and at the time of award, were EPEAT® bronze registered or higher. For information about EPEAT®, see www.epa.gov/epeat.

Alternate I: Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only servers that, at the time of submission of proposals and at the time of award, were EPEAT® **silver-registered or gold-registered**.

NOTE: check www.epeat.sourcemap.com to see the current list of EPEAT registered servers, see how many are bronze/silver/gold registered prior to selecting which contract clause to use.



Tracking Our Greener IT Purchases



Requirements in the FAR to Track EPEAT® Procurements

FAR 42.301 (a) (68) **Monitor** the contractor's **environmental practices** for adverse impact on contract performance or contract cost, and for **compliance with environmental requirements** specified in the contract. ACO responsibilities include—

- (i) Requesting environmental technical assistance, if needed;
- (ii) Monitoring contractor compliance with specifications or other contractual requirements requiring the **delivery or use of environmentally preferable products**, energy-efficient products, products containing recovered materials, and biobased products. This must occur as part of the quality assurance procedures set forth in Part 46.



Reporting Requirements Related to EPEAT®

- All agencies are required to report to OMB on their procurement of EPEAT registered products, as part of the Integrated Data Collection (IDC)
- Agencies must report the percentage of EPEAT-registered products purchased, in the most recent fiscal year, Agency-wide, across the following product categories:
 - PCs and Displays (including tablets)
 - Imaging Equipment (printers, copiers, scanners, and multi-function devices)
 - Televisions
- The IDC page and instructions are at:
<https://community.max.gov/x/LhtGJw>
- The list of the agency IDC contacts is at:
<https://community.max.gov/x/UwihSQ>



Recommended Language for New Contracts

- “Suppliers are required to provide quarterly reports quantifying the number of EPEAT registered products purchased or leased under this contract. The information must be reported in a matrix providing the following data for the current quarter, the fiscal year, and the duration of the contract”.

	Unregistered	Bronze	Silver	Gold
Desktops	1	0	5	12
Notebooks	0	1	3	10
Displays	0	0		30
Televisions	1	1	0	0
Printers	0	5	0	0
Copiers		2	0	0
MFDs	1	1	0	0
Mobile Phones	0	2	8	25
Servers	5	50	0	0



C.6.9.6 EPEAT Report The Contractor shall provide the EPEAT report on a quarterly basis. Each quarterly report shall quantify the number of EPEAT registered and non-EPEAT registered products purchased or leased under this contract for the specified quarter. Not all items must be reported. Items that must be reported include Desktop Computers, Monitors, Laptop Computers, Televisions, Multifunction Devices, and Printers. The information must be reported in the template form provided at Chapter D, Attachment 2, and submitted to the IDIQ COR and the IDIQ CO and cc to the DHS Environmental Program Manager at ocao-sustainabilityreports.hq.dhs.gov, no later than the 15th of the month following the quarter being reported on. If non-EPEAT registered products are sold and reported, a brief explanation of procurement background or justification shall be included in the report. An EPEAT report is not necessary if there were no purchases for that quarter.



- When an ordering activity specifies personal computer products that are not EPEAT registered and suitable EPEAT products are available, the Contractor shall:
 - Notify the requester of the requirement to purchase the EPEAT product; and
 - Provide a suitable alternative(s) that meet the EPEAT registered requirements.



Get Recognized!



Motivate Employees with an EPEAT® Purchaser Award!

- [Apply](#) for recognition
- [Share](#) your success stories
- [See](#) how you rank against other Agencies



Need Further Assistance?

- Holly Elwood, EPA
 - elwood.holly@epa.gov
 - 202-564-8854
- www.epa.gov/epeat (training slides, contract clauses, benefits calculators, and other resources)
- Go to the [EPEAT website](#) for:
 - The current list of EPEAT registered products
 - Access to the standards EPEAT is based upon
 - EPEAT Purchaser Award Application Information
- See the list of the agency IDC contacts at:
<https://community.max.gov/x/UwihSQ>